Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Monday 06 Mar 2023 until 23:59 on Tuesday 07 Mar 2023

Forecast Issued on Monday 06 Mar 2023 at 02:11

Confidence: High for turning cold, medium for the extent of showers, low for chance of longer periods of snow and rain sporadically extending from the south on Wednesday and Thursday

Headline for Monday 06 Mar 2023: Scattered showers, with snow level lowering from late afternoon. Fresh northwest summit winds bringing severe wind chill at height.

Mountain weather hazards on Monday 06 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Sunny intervals	Sunny intervals	Light snow	Partly cloudy (night)
Precipitation probability					
30%	20%	30%	30%	30%	30%

Forecast for Monday 06 Mar 2023

Weather: A mix of scattered showers and clear then bright spells to start the week with snow level initially 500m descending to valley level from late afternoon.

Chance of cloud-free hill tops above 800m: 60-70% for any one time but extended clear periods are unlikely given the showery nature of the flow

Low cloud and visibility: Good or very good, becoming moderate or poor in rain showers, very poor in snow showers and within cloud with bases quite frequently lowering to 500-700m, chiefly as showers cross.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 06 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	26/30 W	29/35 NW	20/26 NW	18/24 NW	18/23 N	19/23 N	16/20 N
600	20/26 W	24/31 NW	20/27 NW	17/24 NW	13/19 N	13/19 N	12/19 N
300	8/23 W	11/28 NW	11/24 NW	9/20 NW	5/16 N	4/15 N	5/15 N
Valley	6/20 W	9/26 NW	10/21 NW	9/18 NW	5/15 N	7/18 N	9/19 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-8	-3/-11	-3/-10	-3/-10	-4/-12	-5/-13	-7/-14
600	1/-5	-0/-7	0/-7	-0/-7	-2/-8	-3/-9	-5/-11
300	3/-1	3/-1	3/-1	2/-1	1/-2	-1/-4	-3/-6
Valley	5/2	5/2	5/2	5/2	4/1	2/-2	0/-4
Freezing Level*	700m	500m	400m	300m	200m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill at height.

Forecast for Tuesday 07 Mar 2023

Weather: Conditions improved from Monday with only a few isolated and light shower possible, while bright and sunny spells will be quite prolonged. Continuing with very low freezing level which brings significant wind chill in the relatively light breezes.

Maximum wind: West to northwest 15mph or less

Chance of cloud-free hill tops above 800m: 80%

Low cloud and visibility: Good or very good.

Temperature: **Valleys:** Minus 4 Celsius increasing plus 3 Celsius for the afternoon
At 800m: Minus 6 Celsius
Freezing level: 200m or less

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 5 March 2023 Location: Helvellyn summit at 12:03 Full report: Another cool day with moderate winds and some rain showers during the afternoon which may have fallen as snow over high ground. Despite this, the Lakeland fells are currently almost entirely snow free with just a few small and isolated patches of old snow present around north and east-facing slopes on Helvellyn and these are generally confined to areas above roughly 930m and are not in areas that walkers are likely to venture.

Helvellyn does currently have a 'white top', however, this is largely rime ice rather than snow and is present above roughly 800m coating rock and grass that is exposed to the wind. The ground is also partially frozen in these areas and Swirral Edge in particular is very slippery in its upper reaches due to snow and ice being compressed by walkers' feet. Snow does feature in tomorrow's forecast potentially falling down to mid-elevations, therefore anyone venturing out tomorrow should anticipate and be prepared for more snow than described here. Full winter clothing (warm and waterproof) including hats and gloves and equipment including a map, compass, and headtorch are all essential. Microspikes are also advisable, particularly for the upper section of Swirral Edge. An ice axe and crampons may also be a sensible addition to your rucksack. Temperature: minus 0.2 C, Maximum wind speed 2.9 mph, Wind chill: minus 0.2 C, Average wind speed: 1.5 mph

Issued at: 02:11 on Mon 06 Mar 2023

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